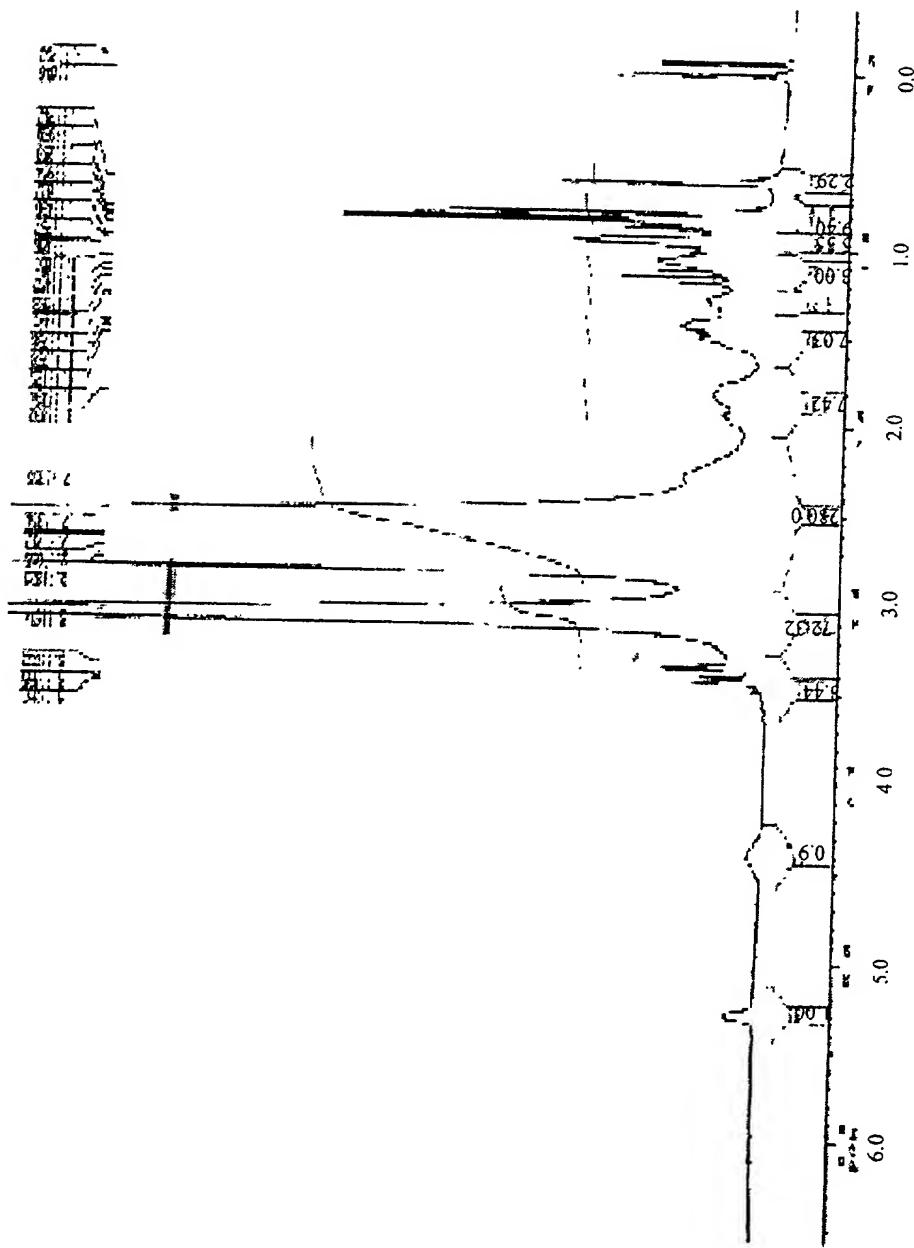


FIGURE 1



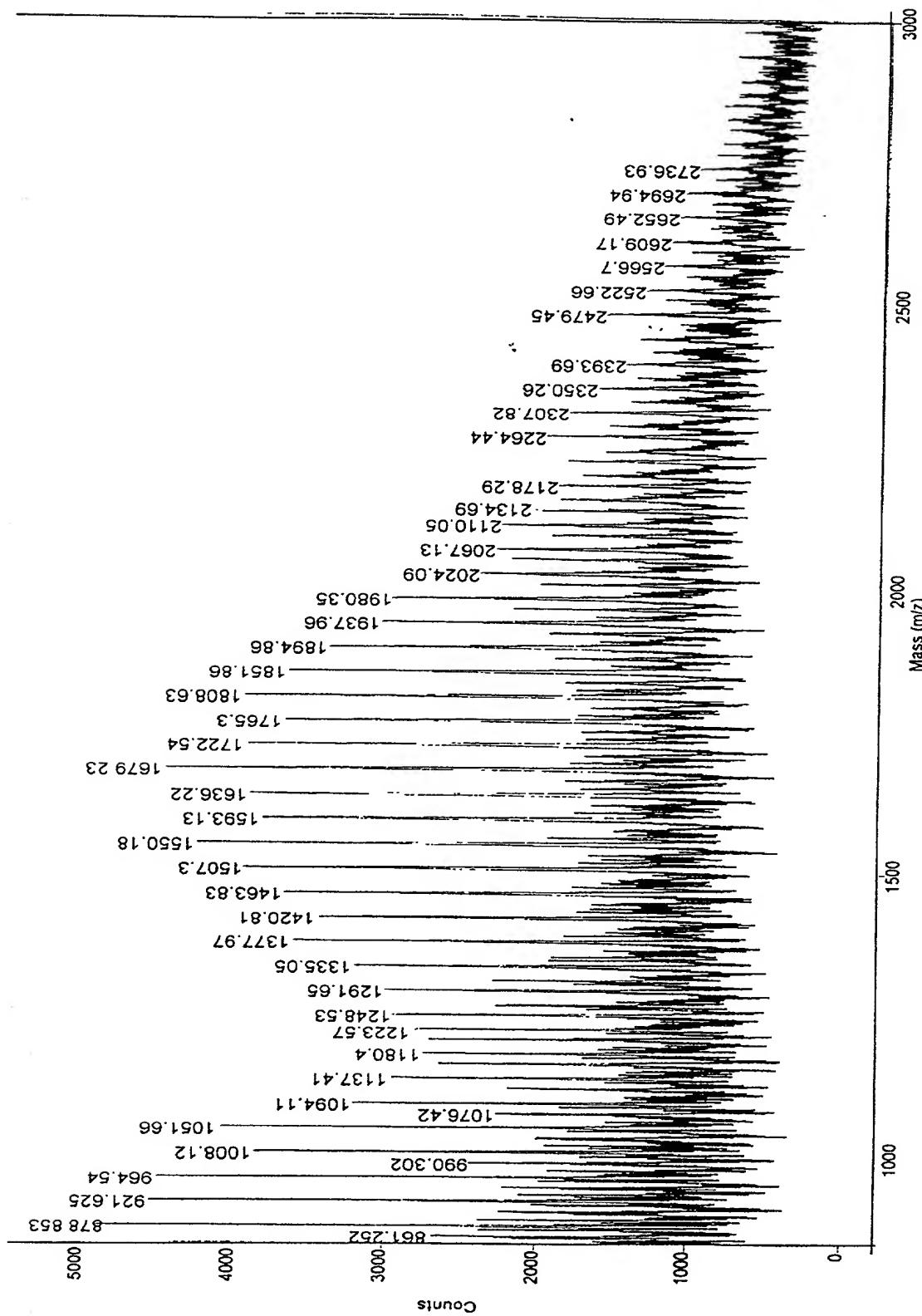


FIGURE 2B

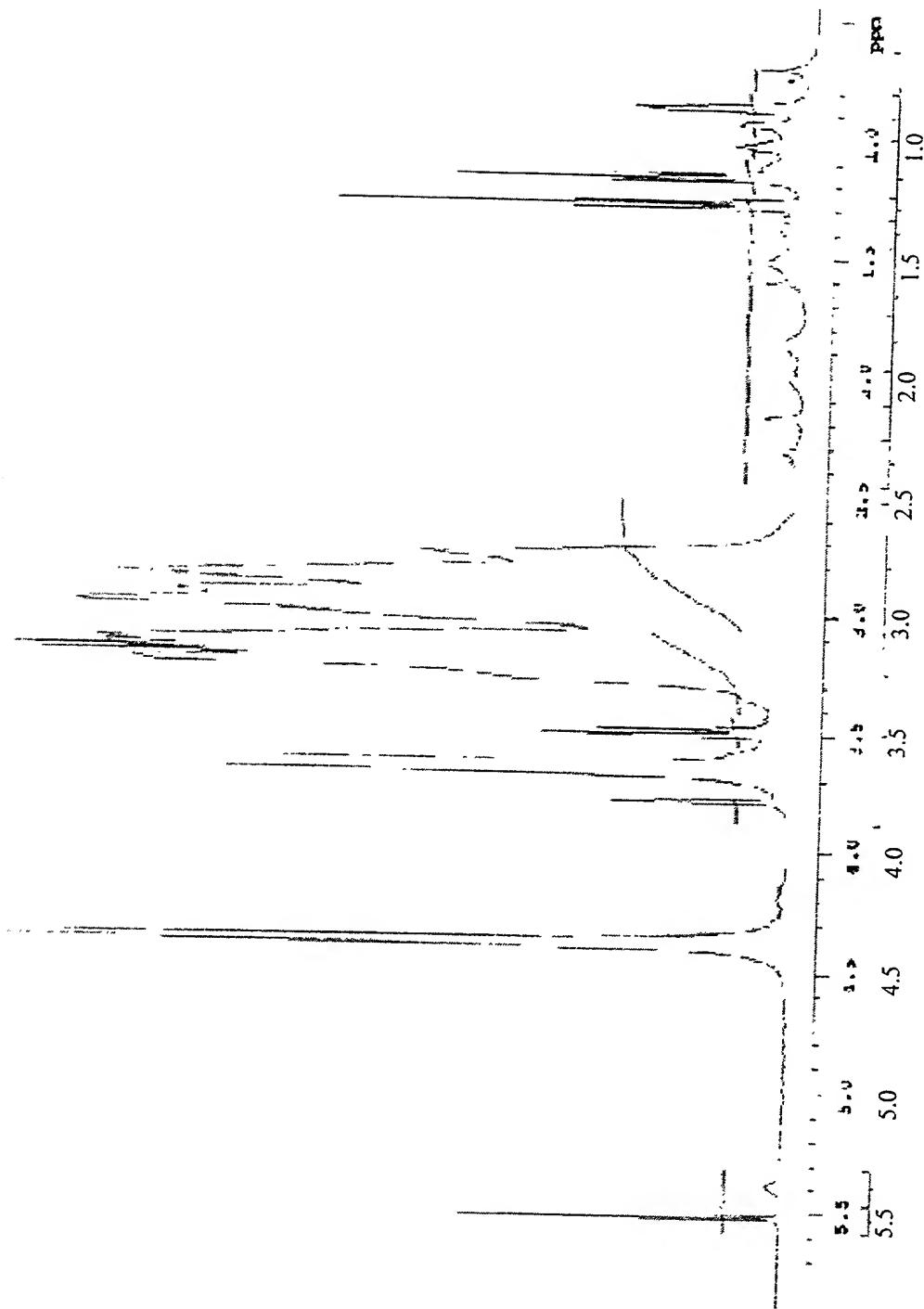


FIGURE 3A

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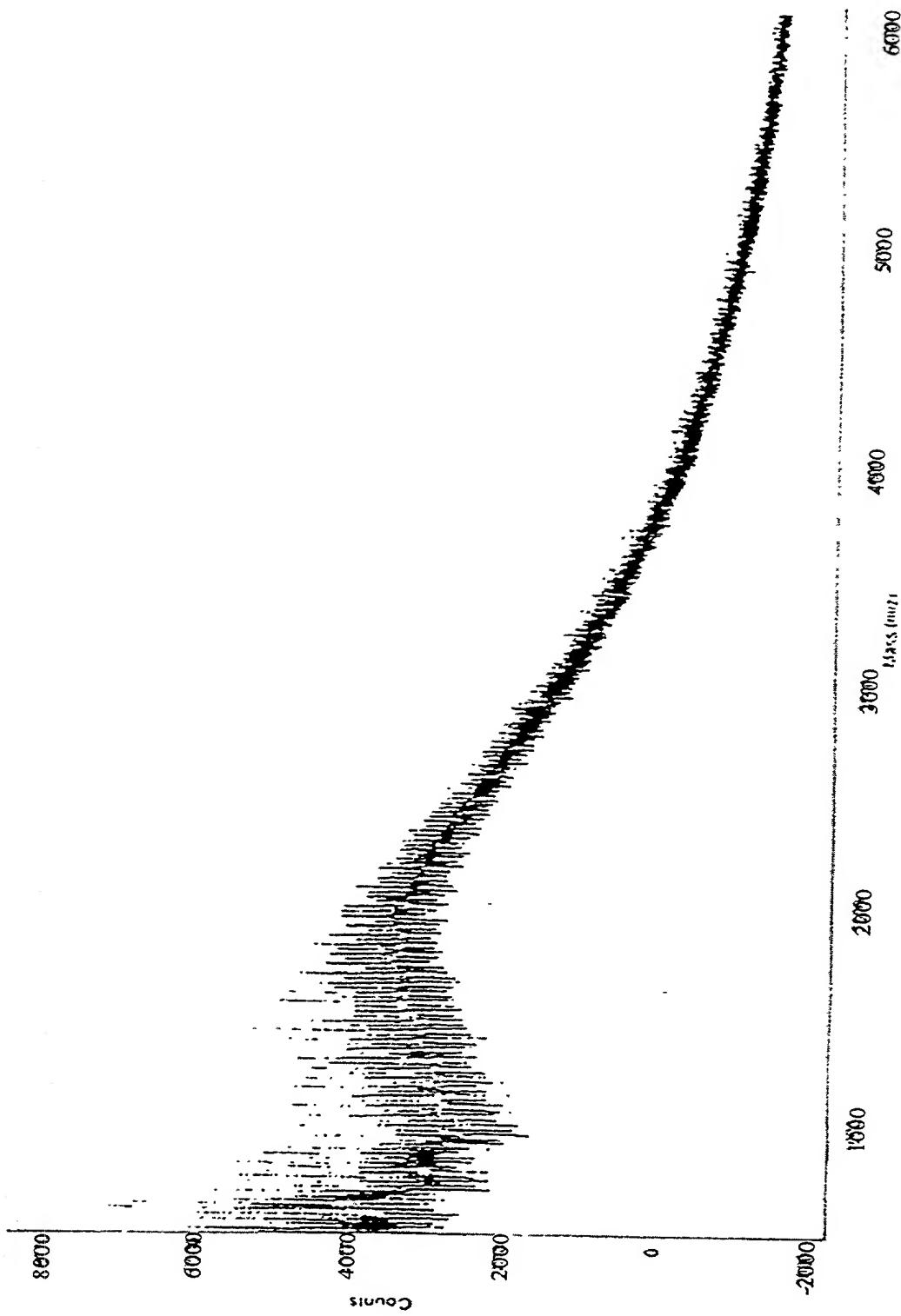


FIGURE 3B

1. DNA marker (1 kbp)
2. pDNA
3. PEACE/pDNA (0.25/1) (+/-)
4. PEACE/pDNA (0.5/1) (+/-)
5. PEACE/pDNA (1/1) (+/-)
6. PEACE/pDNA (1.5/1) (+/-)
7. PEACE/pDNA (2/1) (+/-)
8. PEACE/pDNA (3/1) (+/-)
9. PEACE/pDNA (5/1) (+/-)
10. PEACE/pDNA (7/1) (+/-)

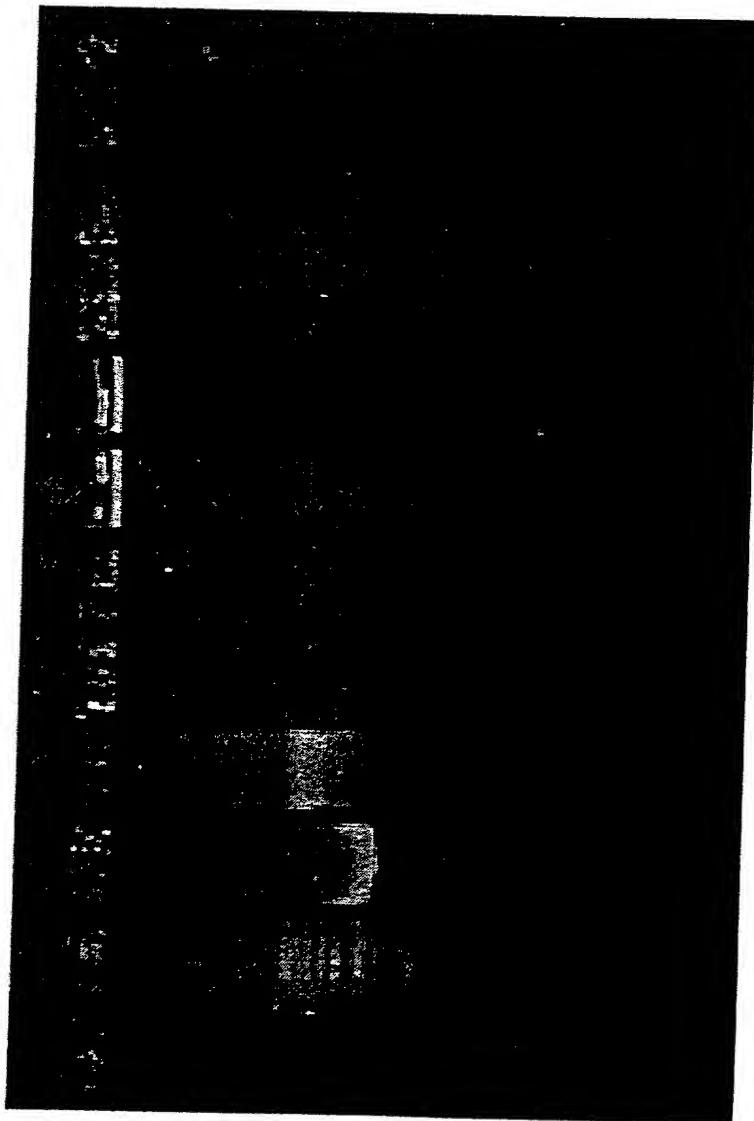


FIGURE 4A

1. NAKED p DNA
2. PEACE:DOPE (1/1)/pDNA (0.5/1, +/-)
3. PEACE:DOPE (1/1)/pDNA (1/1, +/-)
4. PEACE:DOPE (1/1)/pDNA (2/1, +/-)
5. PEACE:DOPE (1/1)/pDNA (3/1, +/-)
6. PEACE:DOPE (1/1)/pDNA (5/1, +/-)
7. Naked DNA
8. PEACE:DOPE (1/2)/pDNA (0.5/1, +/-)
9. PEACE:DOPE (1/2)/pDNA (1/1, +/-)
10. PEACE:DOPE (1/2)/pDNA (2/1, +/-)
11. PEACE:DOPE (1/2)/pDNA (3/1, +/-)
12. PEACE:DOPE (1/2)/pDNA (5/1, +/-)

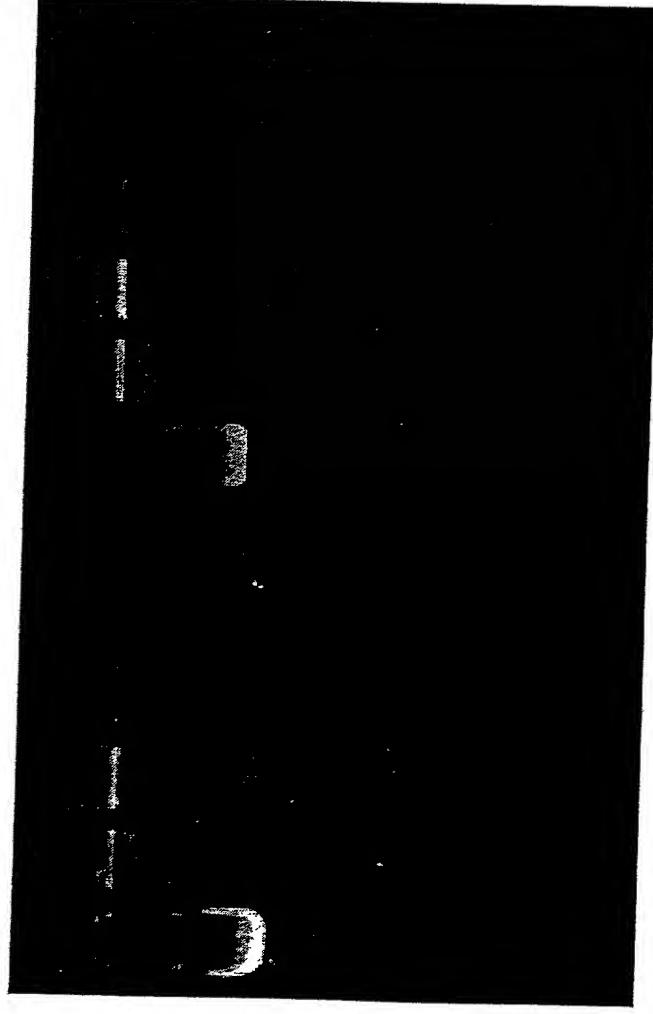


FIGURE 4B

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1. DNA marker (100 bp)
- 2-9 : PEACE/pDNA λ
2. pCMV-Luc
3. Incubation time : 0 min.
 4. : 5 min.
 5. : 10 min.
 6. : 15 min.
 7. : 30 min.
 8. : 60 min.
 - : 120 min.
- 10-12 : Naked DNA
10. Incubation time : 0 min.
 - : 5 min.
 - : 10 min.
- DNase amount : 3 unit

DNase amount : 3 unit

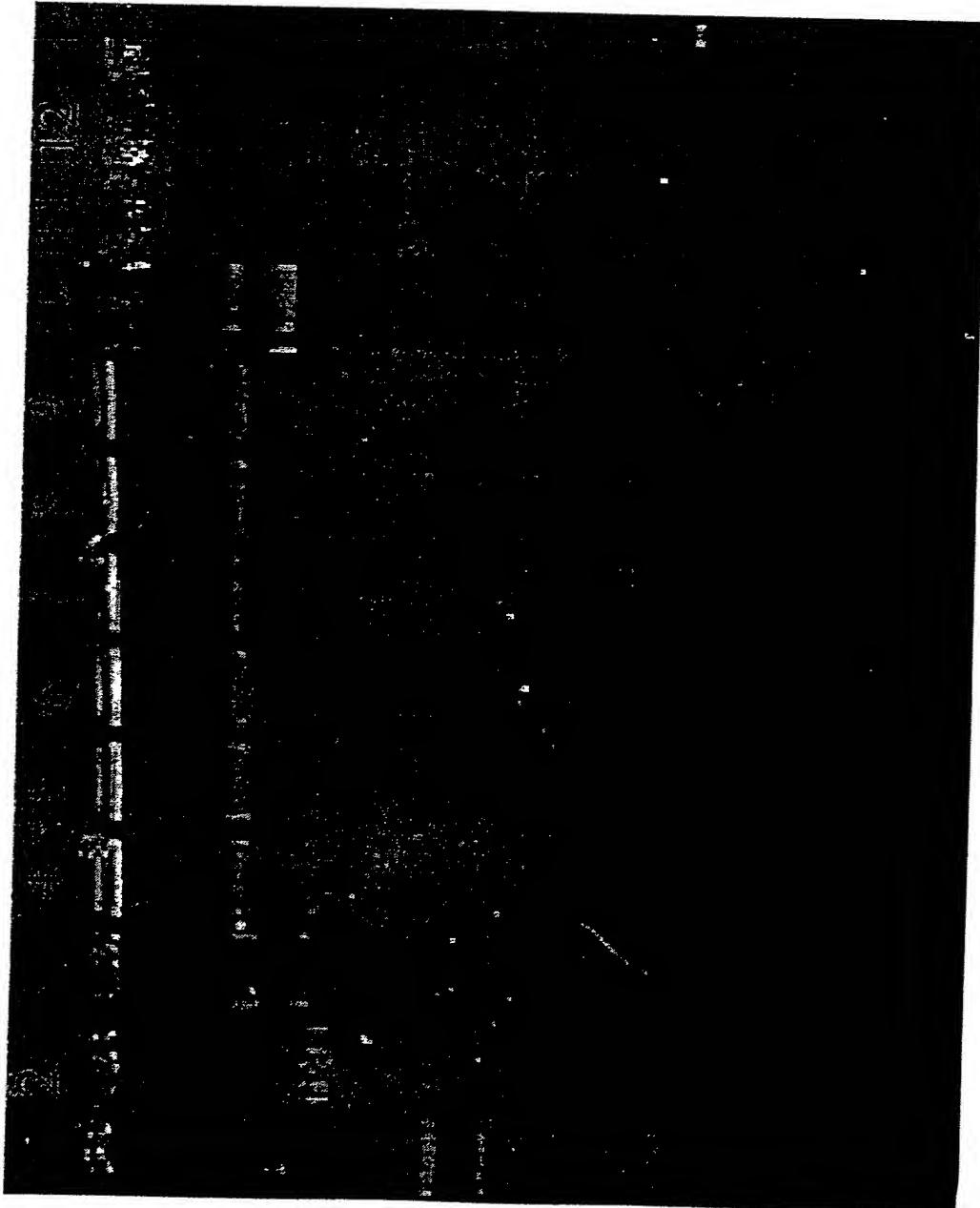


FIGURE 5

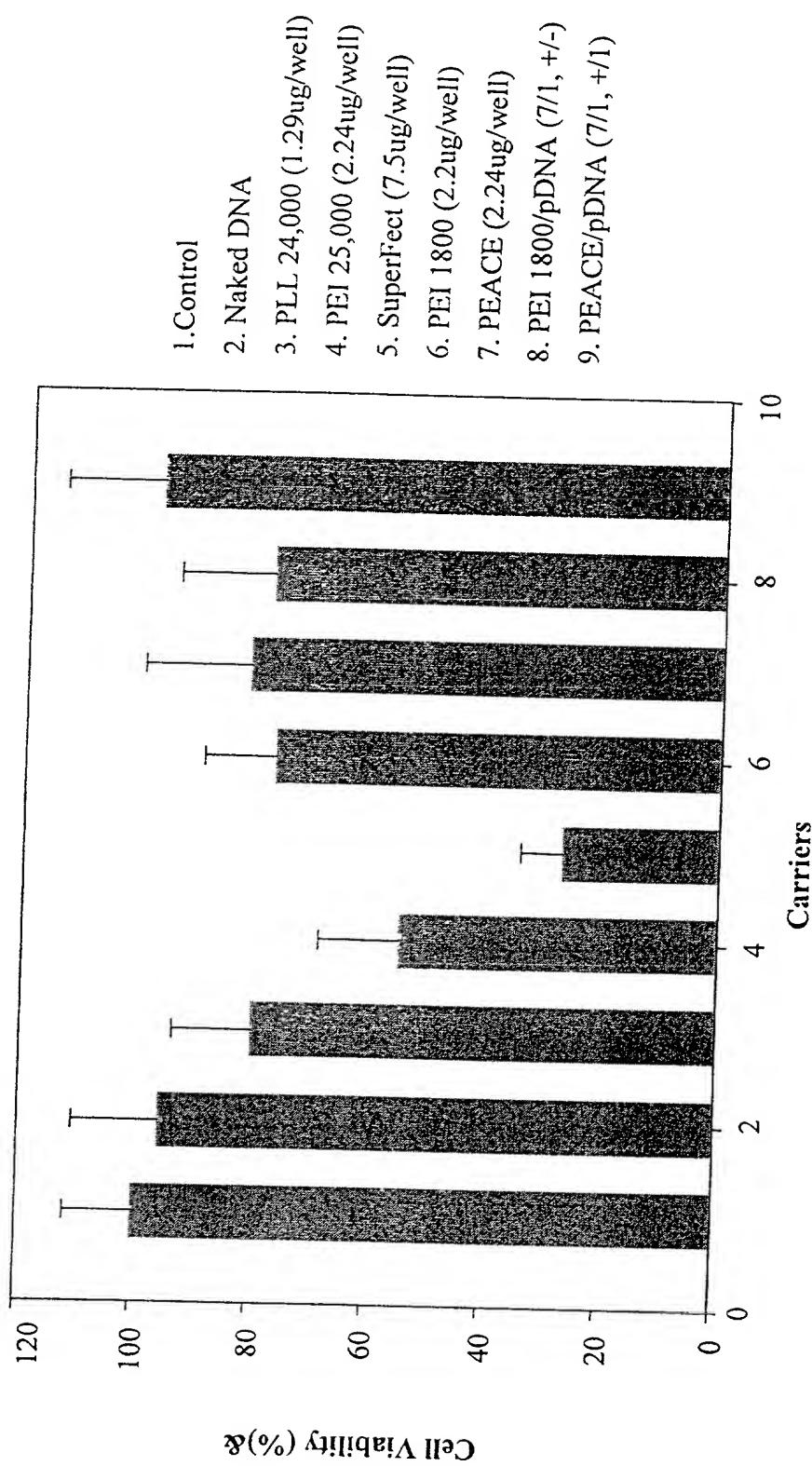


FIGURE 6A

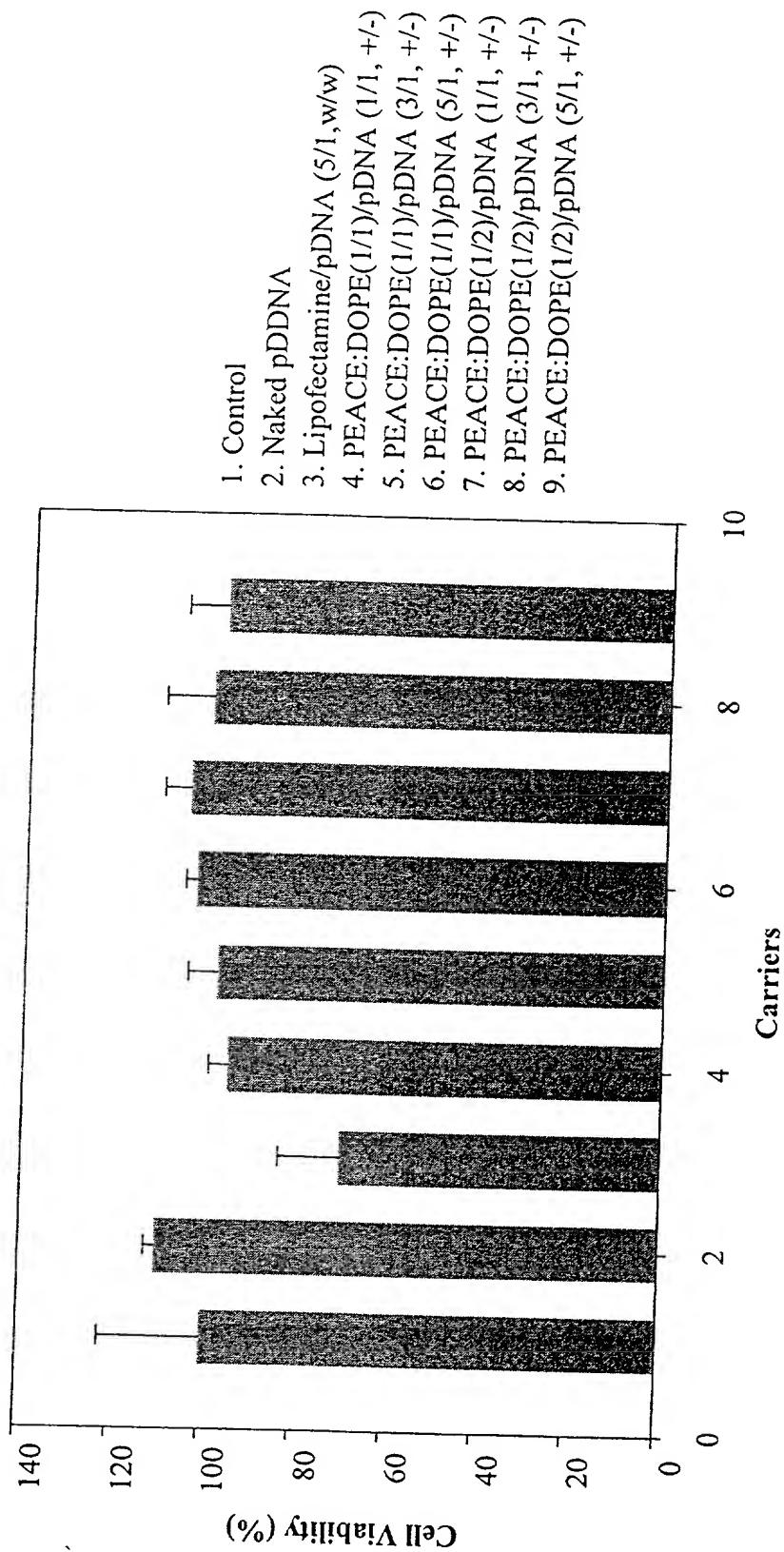


FIGURE 6B

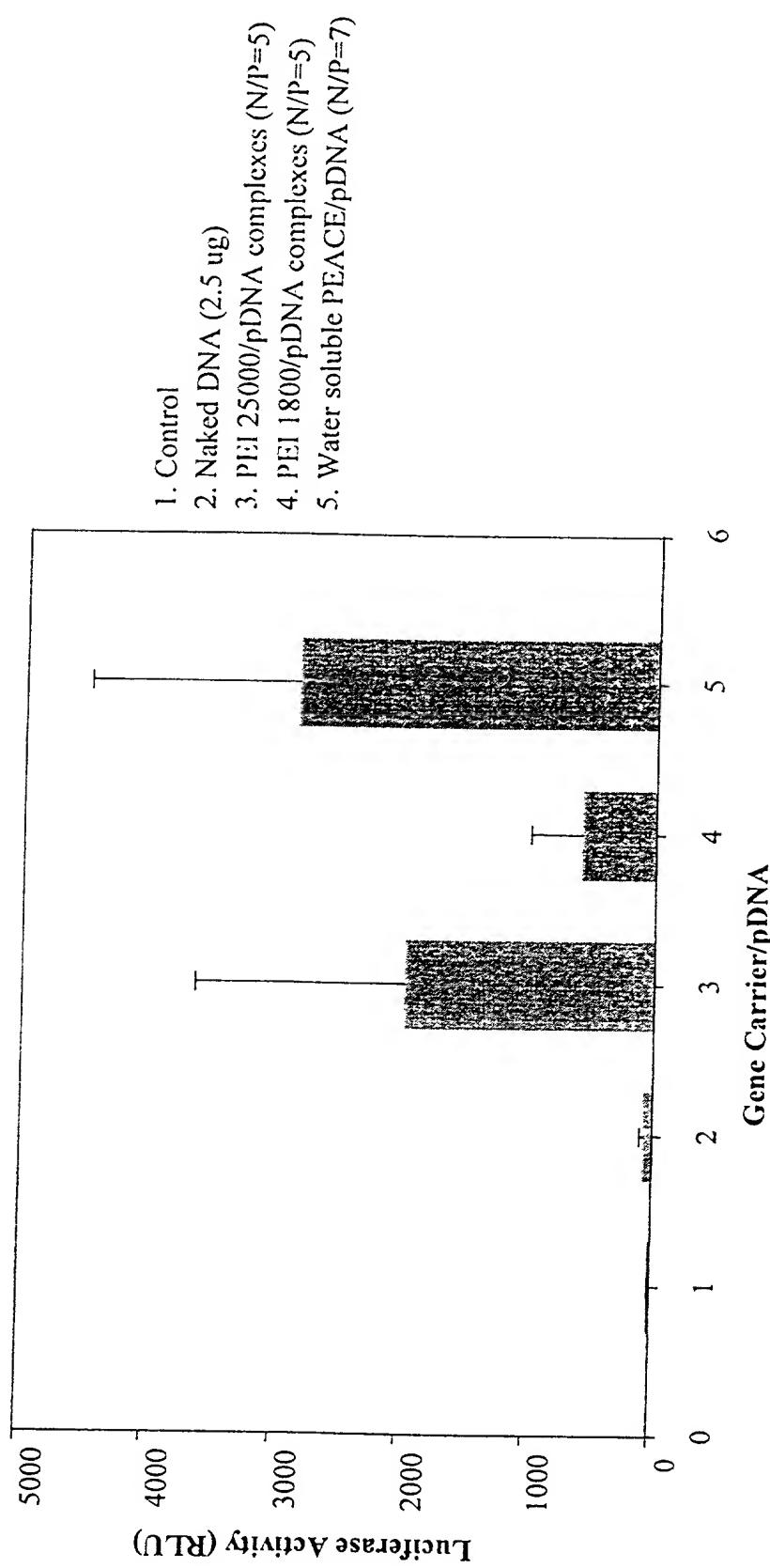


FIGURE 7A

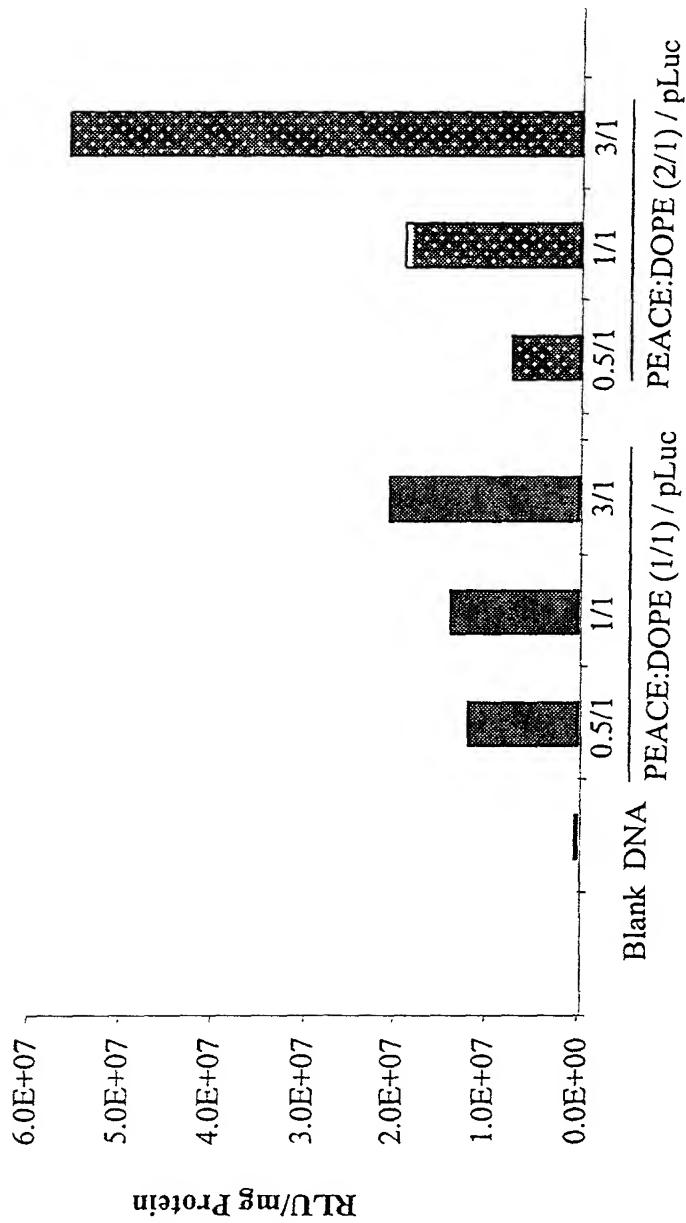
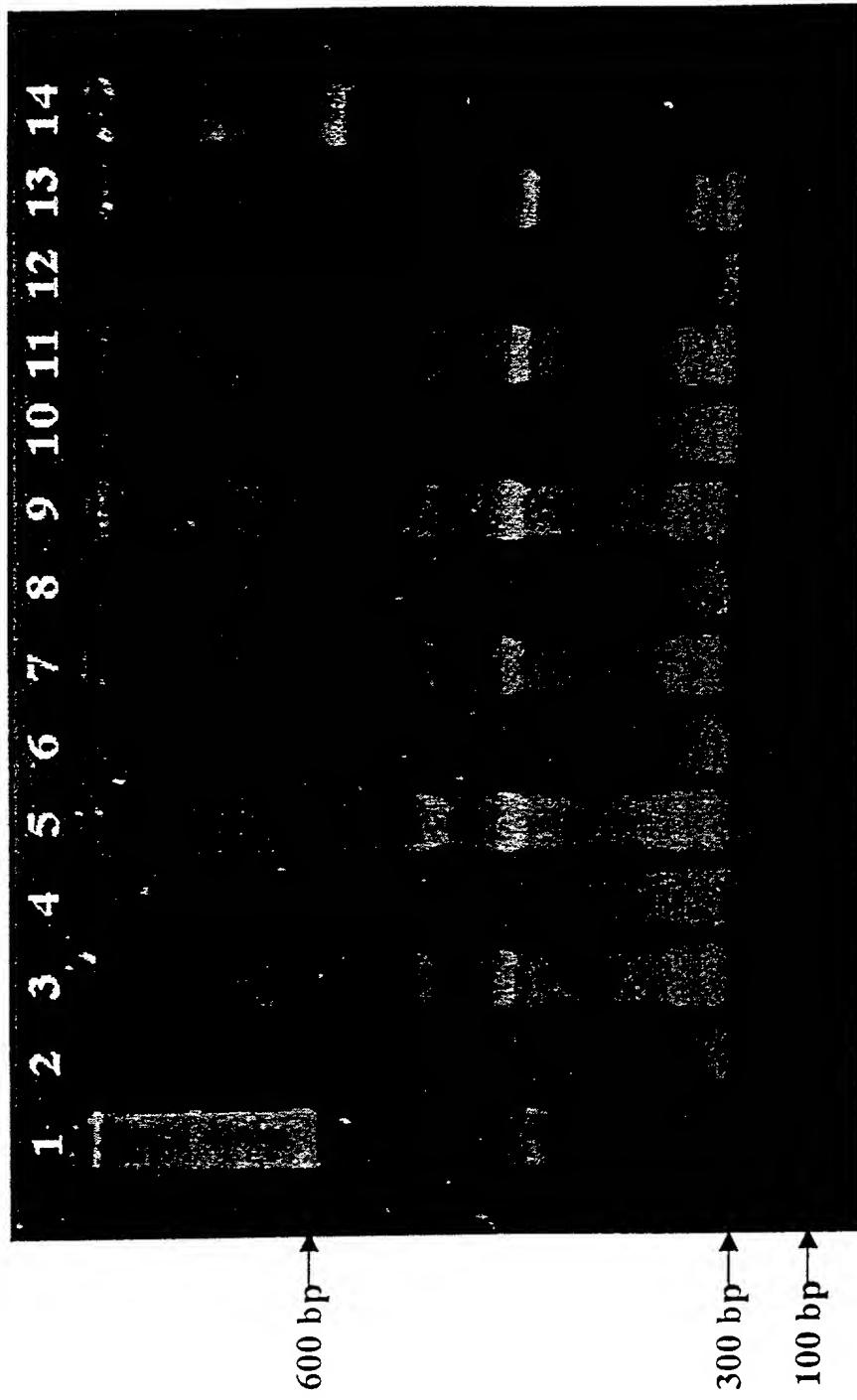


FIGURE 7B



Lane 1: 100 bp ladder, lane 2 & 4 : PEACE:DOPE (1/1)/pmIL-12 (1/1, +/-) β -actin , lane 3 & 5: PEACE:DOPE (1/1)/pmIL-12 (1/1, +/-) mIL-12 p35, lane 6 & 8: PEACE:DOPE (1/1)/pmIL-12 (5/1, +/-) β -actin, lane 7 & 9: PEACE:DOPE (1/1)/pmIL-12 (5/1, +/-) mIL-12 p35, lane 10 & 12: PEACE:DOPE (2/1)/pmIL-12 (3/1, +/-) β -actin , lane 11 & 13: PEACE:DOPE (2/1)/pmIL-12 (3/1, +/-) mIL-12 p35, lane 14: 100 bp ladder.

FIGURE 8